394828-E ✔ ACTIVE

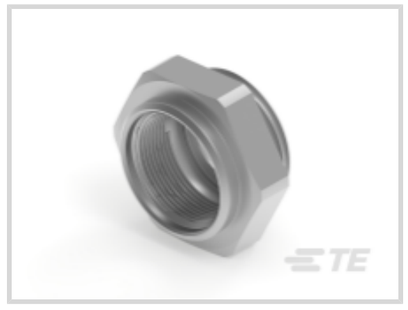
ERNI | M12 Connector

TE Internal #: 394828-E

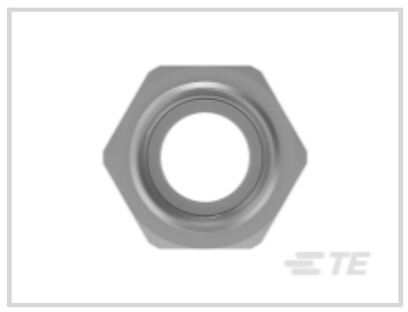
Nut, Natural, Copper Alloy, M12 Connector

View on TE.com >

Connectors > Connector Accessories > Connector Hardware







Hardware Accessory Function: **Latching, Locking & Retention, Mounting**

Connector Hardware Accessory Type: **Nut**

Primary Product Color: **Natural**

Primary Product Material: **Copper Alloy**

Operating Temperature (Max): **85 °C [185 °F]**

Features

Product Type Features

Sealable	Yes
Hardware Accessory Function	Latching, Locking & Retention, Mounting
Connector Hardware Accessory Type	Nut

Body Features

Primary Product Color	Natural
Primary Product Material	Copper Alloy

Mechanical Attachment

Thread Size	M12

Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions

EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.5% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 2468621-2
M12 REC. HEADER 5 POS. VERT. A-CODE



TE Part # 494166-E
M12 FEMALE, A CODE, 8P, 17MM SMT



TE Part # 454003-E
M12 FEMALE, A CODE, 4P, 17MM SMT



TE Part # 454952-E
M12 FEMALE, A CODE, 8P, 17MM SMT



TE Part # 225275-E
M12 FEMALE, A CODE,RA, 5P THR REAR MOUNT



TE Part # 354098-E
M12 FEMALE, A CODE, 5P, 17MM SMT



TE Part # 534185-E
M12 FEMALE, B CODE, 5P, 17MM THR



TE Part # 515928-E
M12 FEMALE, A CODE, 4P, 17MM THR



TE Part # 474771-E
M12 FEMALE, X CODE, 8P, 17MM SMT, CAT6A



TE Part # 484936-E
M12 FEMALE, D CODE, 4P, 17MM SMT



TE Part # 494083-E
M12 FEMALE, D CODE, 4P, 17MM THR



TE Part # 534075-E
M12 FEMALE, D CODE, 4P, 17MM SMT



TE Part # 394305-E
M12 FEMALE, A CODE, 8P, 17MM SMT



TE Part # 225301-E
M12 FEMALE, A CODE,RA, 8P THR REAR MOUNT



TE Part # 224064-E
M12 FEMALE, A CODE, 5P, 17MM SMT



TE Part # 234040-E
M12 FEMALE, D CODE, 4P, 17MM SMT

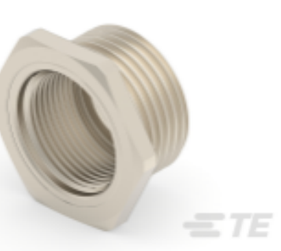


TE Part # 225284-E
M12 FEMALE, D CODE,RA, 4P THR REAR MOUNT

TE Part # 254205-E
M12 FEMALE, B CODE, 5P, 17MM SMT

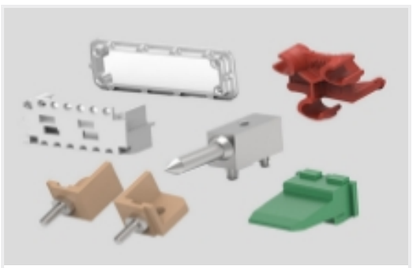


TE Part # 484896-E
M12 FEMALE, A CODE, 5P, 17MM SMT



TE Part # 394847-E
M12 METAL SHELL, FEMALE, VERT, 13MM, C6A

Also in the Series | M12 Connector



Connector Hardware(11)



Connector Seals & Cavity Plugs(4)



Standard Circular Connectors(633)

Customers Also Bought



TE Part #484924-E
M12 MALE, A CODE, 5P, 10.5MM SMT



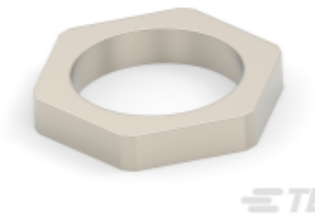
TE Part #254206-E
M12 FEMALE, B CODE, 5P, 17MM SMT



TE Part #464561-E
M8 FEMALE, A CODE, 6P, 16.25MM SMT



TE Part #474053-E
M12 FEMALE, A CODE, 4P, 17MM SMT



TE Part #354003-E
MRDEZT MUTTER M14 X 1 FUER PL. DI 1MM * *



TE Part #328971
BUDGET RING 16-14 1/2



TE Part #3-641217-2
02P MTA156 CONN ASSY 18AWG ORA



TE Part #1879225-6
CPF 0603 43K2 0.1% 25PPM 1K RL



TE Part #2170753-1
CAGE ASSY, QSFP28 1X1, GASKET, HS

TE Part #177673-E
IDCCS SRC 1,27 8 SPX SPX 40 PVC

Documents

Product Drawings

M12 METAL SHELL, FEMALE, VERT, 9MM, C6A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_394828-E_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_394828-E_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_394828-E_A.3d_igs.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

ERNI M8M12 Circular Connectors

English

ERNI M8M12 Circular Connectors

German

Product Specifications

Application Specification

English